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U.S. Application No. 09/995,648 Art Unit 2131
Submission of Amendment with RCE in Response to Response to September 8, 2005 Final Office Action

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A client-server computer system for use with web-based applications comprising:
 - a computer system running one or more web browsers capable of processing web forms;
 - a web server capable of processing Java code and web-based forms;
 - a storage mechanism coupled to said computer system, wherein said web server is used for validating data with information compiled from said storage mechanism; and
 - validation rules stored in said storage mechanism, the validation rules comprising at least three hierarchically organized views, with each view utilizing an execution sequence of validation methods;
 - wherein each execution sequence designates an order of execution for the validation methods; and
 - wherein each validation method compares validation values to the data.
2. (Currently Amended) A client-server computer system according to claim 1, wherein if a view has no validation rules, then a lower priority view's execution sequence is performed ~~said validation rules are organized as a table based system.~~
3. (Currently Amended) A client-server computer system according to claim 1, wherein the validation rules type cast a single value integer data to be validated is sorted according to a highest priority view.
4. (Currently Amended) A client-server computer system according to claim 3 ~~1~~, wherein the validation rules type cast an integer as a string ~~highest priority view contains data describing a name of the highest priority view and an application name, the application name differentiating field names from those in other applications.~~

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5. (Currently Amended) A client-server computer system according to claim 3 1, wherein the validation rules change legacy data to string values if the data to be validated does not contain an entry matching the highest priority view, then the data is sorted according to a second highest priority view.
6. (Currently Amended) client-server computer system according to claim 5, wherein the validation rules change the legacy data to check for membership in a data set if the data to be validated does not contain an entry matching the second highest priority view, then the data is sorted according to generic validation functions.
7. (Currently Amended) A client-server computer system according to claim 5 1, wherein the validation rules validate an entire set of data check for a name of the second highest priority view that matches a name of the highest priority view.
8. (Currently Amended) A client-server computer system according to claim 5 7, wherein the validation rules return individual validation statuses in a hash table second highest priority view contains data describing a generic string that is used to match a name of the highest priority view to a defined character.
9. (Currently Amended) A client-server computer system according to claim 1, wherein said validation rules validate weekday, date available, and date of expiration for long distance telephone service are represented in the form of Lightweight Directory Access Protocol.
10. (Currently Amended) A client-server computer system according to claim 1, wherein each validation rule includes an associated application tag that differentiates versions of an application the validation rules are prioritized.
11. (Currently Amended) A client-server computer system according to claim 1, wherein each validation rule includes an associated application tag that differentiates instances of

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~~an application and version for different users said storage schema is represented by
Lightweight Directory Access Protocol and includes three hierarchically organized views.~~

12. (Currently Amended) A web server system comprising:
- at least one web application;
 - means for performing validation service on data submitted by said at least one web application;
 - means for processing web forms;
 - means for storing and retrieving validation rules for performing said validation service, the validation rules comprising at least three hierarchically organized views, with each view utilizing an execution sequence of validation methods;
 - wherein each execution sequence designates an order of execution for the validation methods;
 - wherein each validation method compares validation values to the data; and
 - means for compiling validation rules into said at least one web application in order to perform said validation service.
13. (Currently Amended) A web server system according to claim 12, wherein if a view has no validation rules, then a lower priority view's execution sequence is performed the validation rules are organized as a table based system.
14. (Currently Amended) A web server system according to claim 12, wherein the validation rules type cast a single value integer data to be validated is sorted according to a highest priority view.
15. (Original) A web server system according to claim 12, wherein said validation rules type cast an integer as a string are stored in a schema in the form of Lightweight Directory Access Protocol.

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16. (Currently Amended) A web server system according to claim 14 12, wherein the validation rules change legacy data to string values ~~highest priority view contains data describing a name of the highest priority view and an application name, the application name differentiating field names from those in other applications.~~
17. (Currently Amended) A web server system according to claim 14 16, wherein the validation rules change the legacy data to check for membership in a data set if the data to be validated does not contain an entry matching the highest priority view, then the data is sorted according to a second highest priority view.
18. (Currently Amended) A web server system according to claim 17 12, wherein the validation rules validate an entire set of data if the data to be validated does not contain an entry matching the second highest priority view, then the data is sorted according to generic validation functions.
19. (Currently Amended) A web server system according to claim 17 18, wherein the validation rules return individual validation statuses in a hash table ~~check for a name of the second highest priority view that matches a name of the highest priority view.~~
20. (Currently Amended) A web server system according to claim 17 12, wherein the validation rules validate weekday, date available, and date of expiration for long distance telephone service ~~second highest priority view contains data describing a generic string that is used to match a name of the highest priority view to a defined character.~~
21. (Currently Amended) A web server system according to claim 12, wherein each validation rule includes an associated application tag that differentiates instances of an application and version for different users ~~the validation rules are prioritized.~~

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22. (Currently Amended) A computer-readable medium with instructions executable by a processor for providing a validation application service for web-based applications, the medium comprising instructions to:

couple a service request from a data device to a web server, the request including data to be validated;

generate a service session instruction, the service session instruction based at least in part on the service request;

send the service session instruction to one or more web servers, the service session instruction corresponding to one or more data validation requests from said customer data device;

compile at least one page based on stored validation rules in a database, the validation rules comprising at least three hierarchically organized views, with each view utilizing an execution sequence of validation methods, wherein each execution sequence designates an order of execution for the validation methods, and wherein each validation method compares validation values to the data; and

send a validation service response to the data device, wherein the validation service response is based on the service request.

23. (Currently Amended) A method of providing validation data service with a web-based computer system comprising the steps of:

calling at least one page from a web application;

compiling said at least one page at a web server;

retrieving validation rules from a centralized storage mass coupled to said web server, the validation rules comprising at least three hierarchically organized views, with each view utilizing an execution sequence of validation methods, wherein each execution sequence designates an order of execution for the validation methods, and wherein each validation method compares validation values to the data;

validating data from said web application in accordance with said validation rules.

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24. (Currently Amended) A method according to claim 23, wherein if a view has no validation rules, then performing a lower priority view's execution sequence the validation rules are organized as a table-based system.
25. (Currently Amended) A method according to claim 23, wherein the validation rules type cast a single value integer further comprising sorting the data to be validated according to a highest priority view.
26. (Currently Amended) A method according to claim ~~25~~ 23, further comprising type casting an integer as a string wherein the highest priority view contains data describing a name of the highest priority view and an application name, the application name differentiating field names from those in other applications.
27. (Currently Amended) A method according to claim ~~25~~ 23, further comprising changing legacy data to string values if the data to be validated does not contain an entry matching the highest priority view, then sorting the data according to a second highest priority view.
28. (Currently Amended) A method according to claim 27, further comprising changing the legacy data to check for membership in a data set if the data to be validated does not contain an entry matching the second highest priority view, then sorting the data according to generic validation functions.
29. (Currently Amended) A method according to claim 27, further comprising tagging each validation rule with an associated application tag that differentiates versions of an application checking the validation rules for a name of the second highest priority view that matches a name of the highest priority view.
30. (Currently Amended) A method according to claim 27, further comprising tagging each validation rule with an associated application tag that differentiates instances of an

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~~application and version for different users wherein the second highest priority view
contains data describing a generic string that is used to match a name of the highest
priority view to a defined character.~~

31. (Cancel)
32. (Cancel)
33. (Cancel)
34. (Cancel)
35. (Cancel)